Organization: Remote Sensing Institute
South Dakota State University
Brookings, SD 57006

Title: Monthly Report to National Aeronautics and Space Administration

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Principal Investigator: Victor I. Myers

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NASA Technical Monitor: Clayton Forbes
Operations Room
Code TF6
Johnson Space Center
Houston, Texas 77058

3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337

3.1 Progress Reports

a. Overall status ---

Vertical 35-mm ground shots were reduced for subsequent analysis. A grid of 100 randomly-placed points were registered with the scene and the percentage of green vegetation, dried vegetation, and non-vegetated soil were determined. Three scenes per field and four different observations per scene were digitized. These values will be regressed with respect to the aircraft and the SKYLAB data to develop a prediction model for predicting the percentage green vegetation on the landscape.

b. Recommendations ---

None at this time.

c. Expected accomplishments ---

Further reduction of aircraft data products will be accomplished as they are received.

d. A readily.....results.....

None at this time.

e. Summary outlook ---

The ground-based ET assessments were conducted for seven different physical settings. The analysis will include a multistage approach for assessing ET of agricultural land.

f. Travel summary ---

None expected.